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DEPARTMENT OF THE ARMY
OFFICE OF THE ADJUTANT GENERAL
WASHINGTON, D.C. 20310

IN REPLY REFER TO
AGAM-P (M) (19 Apr 68) FOR OT RD 681270 30 April 1968

SUBJECT: Operational Report - Lessons Learned, Headquarters, 20th
Engineer Brigade, Period Ending 31 January 1968 (U)

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2. Information contained in this report is provided to insure appropriate benefits in the future from lessons learned during current operations and may be adapted for use in developing training material.

BY ORDER OF THE SECRETARY OF THE ARMY:

Kenneth G. Wickham

KENNETH G. WICKHAM
Major General, USA
The Adjutant General

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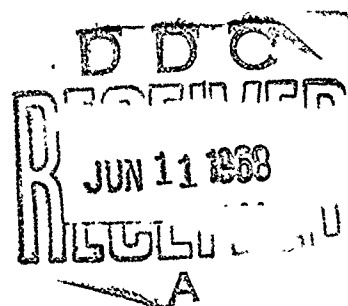
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DEPARTMENT OF THE ARMY
HEADQUARTERS 20TH ENGINEER BRIGADE
APO San Francisco 96491

AVBI-BC

29 February 1968

SUBJECT: Operational Report - Lessons Learned (RCS-CSFOR-65) for
Quarterly Period Ending 31 January 1968.

THRU: Commanding General
USA Engineer Command, Vietnam (Prov)
ATTN: AVCC-PCO
APO 96491

Commanding General
United States Army, Vietnam
ATTN: AVGCC-DE
APO 96491

Commander - in - Chief
United States Army, Pacific
ATTN: GPDP-OT
APO 96588

TO: Assistant Chief of Staff for Force Development
Department of the Army
(ICSFOR-DL)
Washington, D.C. 20310

SECTION I. SIGNIFICANT ORGANIZATION ACTIVITIES

1. COMMAND:

a. MISSION: The basic mission and capabilities of the Brigade Headquarters are stated in TOE 5-301R dated March 1955 as modified. Specific Brigade missions during the reporting period were combat support and construction operations in the III and IV Corps Tactical Zones of Vietnam.

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CANCELED ON 1 JAN 1970

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Quarterly Period Ending 31 January 1968.

b. Principal commanders and staff within the 20th Brigade at
the close of this reporting period were:

- (1) 20th Engineer Brigade
Commanding General BG Curtis Chapman
Deputy Commander COL J.L. Vivian
Chief of Operations LTC W.E. Byers
Adjutant MAJ C.D. Clark
Supply Officer MAJ W. F. Frantz
- (2) 34th Engineer Group (Construction) COL J.M. Palmer
CO, 27th Engineer Battalion (C) LTC K.C. Kelley
CO, 36th Engineer Battalion (Const) LTC T.C. Hunter, Jr.
CO, 69th Engineer Battalion (Const) LTC R.A. Potts
CO, 86th Engineer Battalion (C) LTC C.A. Selleck
CO, 93rd Engineer Battalion (Const) LTC J.M. Dorman
- (3) 79th Engineer Group (Construction) COL J.H. Elder, Jr.
CO, 34th Engineer Battalion (Const) LTC J.C. Ogilvie
CO, 168th Engineer Battalion (C) LTC J.R. Manning
CO, 554th Engineer Battalion (Const) LTC H.W. Wilkinson
CO, 588th Engineer Battalion (C) LTC F.G. Rockwell, Jr.
- (4) 159th Engineer Group (Construction) COL H.C. Jones
CO, 46th Engineer Battalion (Const) LTC G.B. Gray
CO, 62nd Engineer Battalion (Const) LTC H.D. Burtchott
CO, 92nd Engineer Battalion (Const) LTC H.W. Lombard
CO, 169th Engineer Battalion (Const) LTC L.W. Prentiss

c. ASSIGNMENTS: The 22nd Engineer Detachment (Well Drilling)
was assigned to 20th Engineer Brigade effective 18 October 1967 by GO
#468 from USLECV(P) dated 24 November 1967. This detachment was further
assigned to the 159th Group.

d. STATIONING: The Brigade headquarters is presently stationed
at Bien Hoa Army Base, about 30 MI NE of Saigon (TF 02201505)

2. PERSONNEL, ADMINISTRATION, MORALE AND DISCIPLINE

a. The following awards were made by this headquarters during
the period 1 November 1967 to 31 January 1968:

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	<u>BSM"V"</u>	<u>BSM</u>	<u>ARCOM"V"</u>	<u>ARCOM</u>	<u>PH</u>	<u>AM</u>
HHC, 20th Bde	0	10	0	3	0	8
34th Group	37	31	27	40	14	1
79th Group	27	67	37	42	130	4
159th Group	<u>1</u> 65	<u>80</u> 188	<u>0</u> 64	<u>112</u> 197	<u>10</u> 154	<u>0</u> 13
GRAND TOTAL:	681					

b. **PERSONNEL INPUT:** The average assigned strength of the Brigade was 94.4% of the authorized strength during the period covered. During the month of December 1967, the Brigade received very few replacements as most of the filler personnel were diverted to the 18th Engineer Brigade to be assigned to a newly activated battalion. This resulted in some companies being at only 70% fill. During the month of January 1968, this command started receiving filler personnel in large numbers, and the present assigned strength is approximately 0.2% over the month of December 1967.

3. INTELLIGENCE AND COUNTERINTELLIGENCE - SECURITY:

a. During the past three months, the 20th Engineer Brigade S-2 section began to assume a much larger volume of work. Increasing numbers of tactical operations have greatly increased the number of classified documents which are handled. In spite of this increase in document handling, the section has established effective, efficient, and secure procedures. A detailed SOP for document handling is now under development, and, when completed, will be published in the form of a regulation to standardize document handling procedures throughout the Brigade.

b. The widely spread disposition of Brigade units has contributed to problems in the handling of documents, particularly in the transmission and in the requirement for continuous accounting. The Brigade S-2 section has published a series of LOI's to subordinate units in an attempt to insure that transmission-of-document procedures remain in accordance with sound security procedures.

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c. In addition to the storage, transmission, and control of classified documents, the Brigade S-2 Section is now attempting to compile a listing of bridges and bridge status throughout the Brigade AOR. It is envisioned that this project will expand in the future to include roads, airfields, ports, deposits of engineer materials, and other engineer intelligence data often required to support tactical operations.

4. PLANS, OPERATIONS AND TRAINING:

a. CEOPS: The Brigade operations section was reorganized during this reporting period in order to be more closely aligned with its mission in the Republic of Vietnam. Significant changes were as follows:

(1) The Operational Support Section (OSS) became the TOLE S-3 Section. Troop operation functions and training were reassigned from the Construction Operations Section (COS) to OSS.

(2) The assistant chief of COS position was transferred to OSS.

(3) The responsibility for writing construction directives was transferred from COS to the Engineering and Plans Section (E&P). Responsibility for the Lines of Communication (LOC) and Revolutionary Development Support was transferred from E&P to COS, as was the officer position for those functions.

(4) The Land Clearing Team Liaison officer was transferred from E&P to OSS to complete assignment of all operational support operations to OSS.

(5) The Construction Operations Section is now responsible for project direction from the time it is directed until it is completed. This reorganization will allow for more on site inspections and increased emphasis on quality control.

(6) The Engineering and Plans Section has now been assigned the responsibility for project development and base development.

b. Construction Operations: A listing of current Brigade Projects is attached as inclosure 6. This inclosure is a listing of all directed MCA, O&MA and R&MA funded projects, less Operational support projects. Significant accomplishments of Brigade units during this period were:

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<u>ITEM</u>	<u>AMOUNTS (THOUSANDS)</u>
Man hours Construction	.4046.5
Man hours Operational Support	936.3
Equipment Hours	1275.6
Concrete Placed (Cu Yds)	35.9
Billets (SF)	400.7
Buildings (Less Billets) (SF)	1361.5
Covered Storage (SF)	76.4
POL Bolted tanks (bbl)	12.9
POL Pipelines (Lin feet)	10.5
Stabilized Areas (Sq Yds)	3965.6
Fill Hauled (Cu yds)	2543.4
Rock Crushed (Cu yds)	243.0
Surfaced areas (Sq yds)	1020.0

This reporting period ran concurrently with the dry season, which provided the Brigade with optimum weather conditions for horizontal construction. Rainfall was extremely light at all construction sites. As of the end of this reporting period, Bien Hoa Army Base, location of the Brigade Headquarters, had received no rainfall since 5 December 1967.

c. Training

(1) Training activities within the Brigade for the reporting period were divided into two categories:

(a) US Army/ARVN joint training

(b) US Army training

(2) US Army - ARVN Joint Training

(a) The US Army - ARVN joint training program was initiated in late November 1967 as a six week engineer refresher course for select cadre of the 30th ARVN Engineer Group. Due to geographical proximity, the 34th and 79th Engineer Groups were tasked with providing this training to the ARVN engineers. Emphasis was placed on On-The-Job-Training (OJT), with actual US projects being used as training vehicles. Once the training cycle was completed, ARVN cadre returned to their units and trained their own units in US engineer practices and doctrine.

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(b) The culmination of this training program will be a unit evaluation exercise where each ARVN engineer unit, under controlled conditions, will be evaluated by US personnel. This exercise will be similar to a US Army ATT in scope, conducted under actual field conditions.

(3) US Army Training

(a) The 20th Engineer Brigade, in conjunction with the civilian firm, Quinton Engineers, established a quarry school at the Xom Tom Quarry, located southwest of Long Binh, for the purpose of giving intense quarry operations training to 20th Brigade quarry personnel. Persons selected to attend this training were required to have at least 6 months remaining in-country so that maximum benefits might be derived from their training.

(b) The scope of this training included blasting techniques and practices, rock drill operations, crusher operations - to include site selection criterion - and maintenance practices for all types of quarry equipment.

(4) In addition to the above two major programs, the Brigade training continued to revolve around OJT and USAFV Reg 350-1 mandatory topics. These are the primary training programs conducted in Vietnam.

(5) Although not actually executed during the reporting period, plans were finalized for a joint US-ARVN quarry training and marijuana orientation classes for troop leaders. These two programs will be conducted during the next reporting period.

5. INSPECTOR GENERAL:

a. The AGI agency for 20th Engineer Brigade and subordinate units is USAECV(P).

b. This headquarters was notified by letter from USAECV(P) dated 8 September 1967, subject: Schedule of Annual General Inspections, that the AGI for this headquarters would be conducted 2-3 June 1968.

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6. INFORMATION:

a. With the acquisition of an air conditioner the photographic laboratory of the Information Office is able to process film at the recommended temperatures of 65° to 75° F.

b. During the reporting period the information office submitted 1,850 Hometown News Releases and 540 Feature News stories. No difficulties were encountered in submission of the Hometown News Releases. Continuing emphasis on journalistic quality must be stressed to all Group IO's in their Feature News stories. There has been improvement in this area; however, a need for more improvement still exists.

c. ABC television covered the Revolutionary Development project in Rach Kien, Long An Province. It is anticipated that the Brigade will receive more coverage of this type in the future.

d. Estimates have been obtained on publishing a monthly magazine or semi-annual magazine for the Brigade. The Information Office staff would have to be augmented by the addition of qualified personnel to publish a monthly magazine, however, a semi-yearly magazine is within the capabilities of personnel presently assigned.

e. Lack of authorized camera equipment hampers the performance of some duties of the Information Office. The staff has used personal cameras to perform most of the duties required of this office. Authorized equipment has been requisitioned but has not yet been received.

7. CIVIC ACTION:

a. The overall impact of civic action activities is good. The people respond to efforts to help them and seem adaptable to new ideas and concepts. The response is greatest when the people themselves participate. In some cases all the people want are the materials and technical advice. Cooperation and coordination between US Military, US Agencies, Government of Vietnam, and regional governments is growing but more work is needed in this area.

b. Each group of the 20th Brigade maintains a well-coordinated civic action in their respective areas of operation. Outstanding examples are the 34th Group's project at Thoi Hoa Hamlet, the 79th Group's project Di An and the 159th Group's civic action and revolutionary development project at Rach Kien. A measure of the impact of these projects is that in Thoi Hoa Hamlet the VC have entered the village and held classes to turn the people against the allies, with negative results. The people remain loyal to the government and have completely turned against the VC.

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8. **POST FUNCTIONS:** With the arrival of the 101st Airborne Division on 5 December 1967, the duties and responsibilities of the Post Coordinator's office were transferred to CG, 101st Airborne Division, with the exception of the Central Post Fund.

9. **SIGNAL:**

a. Installation of a temporary telephone system was completed giving the Sector Operations Center control of all bunkers and towers located in the 20th Engineer Brigade area of responsibility. Service is presently on a party line basis with odd and even numbered bunkers on separate circuits. The entire system is to be upgraded to private line service from each bunker to the Sector Operations Center.

b. The Signal Section installed a command alert telephone circuit connecting the Commanding General's bunker to each Staff Section bunker. The system is a hot loop with five stations and gives the Commanding General command communications during alerts.

c. Temporary relief of a power shortage for Radio-Teletype Set AN/GRC-46 was solved by installing a 1.5 KW, 28 VDC generator near the communications building. Reliable, secure communication via Radio-Teletype is now routine with the 34th Engineer Group at Vung Tau, RVN.

d. The Signal Section of the 20th Engineer Brigade published a complete and accurate telephone directory for all units of the Brigade. The directory was distributed to subordinate units and was effective on 1 January 1968.

10. **CHAPLAIN:**

a. Chaplain (LTC) Harry G. Campbell Jr was assigned to replace Chaplain (LTC) John Kenny as the Brigade Chaplain. Chaplain Kenny rotated with orders to Madigan General Hospital, Tacoma, Washington.

b. On 25 January, a Group Supervisory Chaplains Meeting was held at Brigade Headquarters. The Staff Chaplain of the 34th, 79th, and 159th Groups attended. The following topics were discussed:

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- (1) Getting Character Guidance instruction to all the troops.
- (2) Chapel attendance.
- (3) Air travel to isolated units.
- (4) Counseling for Compassionate leaves and marital problems.
- (5) Adequate Catholic coverage in the 34th Group and isolated units.
- (6) Decorations and awards for Chaplains.
- (7) Staff visits by the Brigade Chaplain.

11. HEADQUARTERS COMPANY:

a. COMMAND: The following personnel were in command of HHC 20th Engineer Brigade from 1 November 1967 through 31 January 1968:

- (1) 1 Nov 67 - 3 Dec 67: CPT Richard L. Beaumont
- (2) 4 Dec 67 - 4 Jan 68: 1LT Robert A. Mohr
- (3) 5 Jan 68 - 31 Jan 68: CPT Kenneth H. Pollard

b. PERSONNEL, ADMINISTRATION, MORALE, DISCIPLINE

- (1) Personnel:
 - (a) Unit; Assigned: 180
 - (b) Civilian Labor: 32
- (2) Civilian Labor:
 - (a) Authorization for the HHC 20th Engineer Brigade is presently 40 CMG laborers. During the period, an average of 34 civilians were employed as KP's, secretaries, interpreters and janitors.

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(b) The Brigade CPO has noted a marked improvement by subordinate units in submitting required reports. Continual effort is being made to keep units informed about the proper implementation of the Civilian Personnel Program. A Brigade Regulation is forthcoming.

(3) Morale: Morale is high; however, the absence of a Service Club has been a problem area. Area facilities have been upgraded to include:

- (a) Unit EM Day Room, 1,000 square feet.
- (b) Access to one swimming pool.
- (c) Access to one 18-hole miniature golf course.
- (d) One photography laboratory.

c. SECURITY:

(1) HHC 20th Brigade provides 8 external security personnel to man 2 of the 49 bunkers on the Bien Hoa Army Base perimeter. The headquarters commandant controls security of one-fourth of the Army base perimeter and has units in his sector of responsibility OPCON to him for security purposes.

(2) In addition to perimeter guard requirements, HHC also maintains an interior guard force of 6 men to secure 2 posts.

d. PLANS, OPERATIONS AND TRAINING

(1) Plans: Presently, plans include the upgrading of the company area by placing crushed rock as walkways for the rainy season and the building of a concrete platform at the rear of the unit Mess Hall to improve mess sanitation and to continue sandbagging as required.

(2) Operations: Standard operating procedures continued to be followed during the reporting period. Construction projects have included bunkers, sandbagging, billets and mess improvement and one Utilities-Armorer-Carpenter building which is 50% complete. Unit Motor Pool parking area was oiled for dust control.

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(3) Training: Unit training continued IAW USARV Regulation 350-1. Additional weapons training has been conducted with emphasis on the operation and employment of the M-60, M-79 and Claymore mine, as well as proper maintenance of all M-16 components. Off duty time is being used to train volunteers in a preparatory course for Army Drill Sergeants to aid in filling the present gap of 3,000 Drill Sergeants needed.

e. SUPPLY: Demands for TOE equipment and station property are 99% satisfied. There is usually a 60-90 day period between the date the requisition is initiated and the date the property is received. The demand for expendable supplies for the operation of Brigade Headquarters continues to exceed the supply available through normal direct support units. (i.e. Mimeograph Paper (8" x 10½") and Stencil Correction Fluid)

f. MAINTENANCE: This unit has maintained a 2% deadline rate in reportable items during the period. Maintaining adequate parts is causing no operational problems; however, this unit experiences slow results in obtaining items requisitioned for PM as was reported in the last period.

g. CIVIC AFFAIRS: This unit has helped support Hoa Nai orphanage in Dien Hoa Province since early November with food. A Christmas Party was given on Christmas Day in which Enlisted personnel, NCO's and Officers participated. Plans were made to place a pump in the orphanage's well and screen the sleeping areas and nursery of the orphanage. Continued emphasis is placed on the subject: "Vietnamese - American Relationship" relevant to SVN control, convey control and Vietnamese customs.

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SECTION II - PART I LESSONS LEARNED

1. Operations

ITEM: Lime Stabilization

DISCUSSION: Soils in the Mekong Delta consist of clays, silts, and fine sands. The complete lack of local rock for construction has spurred the use of rock substitutes in construction practices. Lime stabilization has been used to prepare airfield subgrades within the Delta with such promising results that this practice is being expanded to other construction projects.

OBSERVATION: That lime stabilization of clay soils, in conjunction with the portland cement stabilization of sandy soils, is effectively and efficiently reducing rock requirements for construction in the Delta.

2. Logistics

ITEM: Wear life of tracks

DISCUSSION: It has occurred many times that a piece of tracked equipment is run until the tracks are worn out before the unit requisitions new tracks; as a result the piece of equipment is non-operational until the new tracks are issued. This causes many equipment hours lost waiting for tracks.

OBSERVATION: Unit should initiate procedures to forecast when tracks will be needed and submit their requisition early enough to insure their being on hand when required.

ITEM: Incomplete and missent TAERS Forms

DISCUSSION: It has become apparent that unit personnel who process TAERS forms are not knowledgeable with the maintenance or disposition of these forms. As a result much time is lost in returning completed forms for correction and resubmission or for rerouting.

OBSERVATION: Unit commander should initiate a training program to instruct personnel in the proper methods of maintaining and processing of TAERS forms. Unit commanders should also monitor the submission of these forms for completeness.

ITEM: Proper maintenance of Engine Air Filters

DISCUSSION: Many hours of engine life are lost as a result of

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running an engine with a dirty, or unserviceable air filter. When dirt is allowed to enter the engine and come in contact with the moving parts, the wear of these parts is greatly multiplied and the life of the engine is drastically reduced.

It is necessary as a result of the high rate of engine failures that occur in Vietnam that emphasis be placed on the proper techniques of cleaning and servicing these filters.

OBSERVATION: Unit commanders should initiate a program within their units to inspect and to service air cleaners and also initiate a program to teach operators the proper techniques for cleaning and servicing of air filters.

ITEM: Preoperational Inspection of New Equipment arriving in-country.

DISCUSSION: Several incidents have occurred where new equipment arriving has been damaged as a result of shipment and further damaged by the receiving unit placing the equipment into operation without first making the required preoperational inspections and services.

OBSERVATION: It is imperative that all newly arrived equipment receive a preoperational inspection to detect any damage as a result of shipment and to prevent further damage if operated.

3. Civic Action

ITEM: Maximum public benefit from Civic Action

DISCUSSION: In order to insure maximum public benefit from civic action activity, i.e., projects are performed and/or built where the need is greatest, coordination should be made with local forces and government officials.

OBSERVATION: Those projects that have run smoothest and achieved maximum benefit have been those that were coordinated with local and regional government officials.

ITEM: Achieving maximum public impact from Civic Action

DISCUSSION: The maximum public impact from civic action projects, i.e., making the people realize that the project is to help them and is not just a gift, should be obtained.

OBSERVATION: Those projects in which the people have worked themselves and made personal sacrifices have achieved maximum impact.

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The bond between the people and the U.S. is greater than if the U.S.
has presented the project as a gift.

4. Surgeon

ITEM: Rotation of Battalion Surgeons

DISCUSSION: Each engineer battalion within this command is authorized according to their TO&E a surgeon (MOS 3 00). In addition to the professional requirements placed on the surgeon, he also serves in an advisory and administrative capacity. As a member of the battalion staff, he keeps the commander informed regarding the health of the command and advises him on all medical matters pertinent to the command's activities and future operations. In his administrative role, he exercises complete control of all medical activities in the care of the sick and wounded. The professional responsibilities include: Evaluation of fitness for duty, the practice of preventive and therapeutic medicine, analysis of the medical and physical condition of patients and the primary treatment of the diseased and injured. Presently, serving in the capacity of a battalion surgeon, there is very little challenge to the task, and in a professional sense the rewards are meager.

OBSERVATION: In the majority of cases, battalion surgeons are unable to transfer from field units to hospital or dispensary duty. The reason behind this is usually that the needs of the command determine the placement of a surgeon. A suitable replacement cannot easily be provided because the influx of doctors is not that great except during the fall of the year. At that time the majority of positions are filled both in field units and medical units. Those persons assigned to medical units are secure in the fact that they can remain there unless levied by the major command. On the other hand the surgeon in the field who desires to practice more and better medicine at least during half of his tour submits a request for transfer. This request is usually approved at the lower levels but with the stipulation that suitable replacement be provided. Since very few doctors in medical units desire a transfer to a field unit, very few exchanges can be made.

Some system should be improvised whereby surgeons could be rotated after a reasonable period of service from line units to the hospital or medical dispensary. This would afford a greater number of the physicians a chance to practice medicine in the fashion that they have been trained to do. It would also introduce a greater number of doctors to the high quality of medical care afforded the sick and injured in the hostile environment. More physicians, in the long run, would develop a taste for military medicine.

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5. Chaplain

ITEM: Character Guidance

DISCUSSION: Due to the pressure of accomplishing missions and having troops in isolated areas, Character Guidance is not the effective Command tool it should be. Chaplains are using the written briefing sheets to reach people who cannot attend lectures. These are generally not read and do not take the place of oral instruction. It is impossible for a Chaplain to reach all the troops due to transportation limitations. To be effective, all troops must receive the lecture.

OBSERVATION: Greater Command emphasis should be placed on the importance of Character Guidance. Consideration should be given to Platoon leaders being responsible for giving these talks to the troops. These young Officers talk the language of the troops and would have greater effect than a Chaplain who is expected to pronounce moral principles. This also would be good training for the leader who is responsible for the physical welfare as well as the spiritual and moral welfare of his troops.

ITEM: Chapel Attendance

DISCUSSION: Chapel attendance is below normal standards in all Brigade Units. In many units mandatory training is held at the same time as Church Services. Troops must make a choice. This is a decision which an EM or Officer should not have to make. Without reservation he should be able to attend Chapel. Some Chapel Services are not attractive; poor preaching, and music. These all are factors for poor Chapel attendance.

OBSERVATION: Whenever the mission permits, men should be given the time to attend Chapel without other training sessions being held simultaneously placing the men in a position of having to make a decision. The Group Chaplains should hold monthly training sessions for their Chaplains on the importance of timely and interesting sermons.

ITEM: Counselling

DISCUSSION: Many Chaplains are not being honest to the person with compassionate problems. No matter what the problem at home, a person naturally wants to go. Young Chaplains with their first overseas tour are too sympathetic. They readily agree that the person should go home and so indicate by letter which builds false hope. Higher Headquarters has to disapprove most of these because they do not fall within existing criteria.

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AVBI-EC

29 February 1968

SUBJECT: Operational Report - Lessons Learned (ACSFOR-65) for
Quarterly Period Ending 31 January 1968

OBSERVATION: Monthly Group Chaplains Conferences should be held to instruct the Chaplains on existing regulations pertaining to such things as compassionate leaves. Actual cases and recommended counseling should be discussed with MACV and USARV Regulations used for guidance. Chaplain should spend time with the Group Chaplains to encourage and recommend new approaches for Chaplain Activities in the 20th Engineer Brigade.

SECTION II PART II RECOMMENDATIONS

Civic Action

RECOMMENDATION: The closest coordination with local officials is urged. Also these officials should be given maximum public credit and recognition for their efforts, however small.

RECOMMENDATION: The people should be invited and encouraged to work on any civic action project. In fact the project should be set up to allow the people to take a large part in its completion.

Curtis Chapman

CURTIS CHAPMAN
Brigadier General, USA
Commanding

6 Inclosures

- 1-20th Engineer Brigade Organizational Chart
- 2-Internal Brigade Organization
- 3-Organization of CHOPS Section
- 4-Brigade Sectors of Responsibility
- 5-Unit Locations
- 6-Current Projects

Withdrawn, Hqs, DA

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AVCC-P&O (29 Feb 68) 1st Ind
SUBJECT: Operational Report-Lessons Learned (RCS CSFOR-65) For Quarterly
Period Ending 31 Jan 68

HEADQUARTERS, UNITED STATES ARMY ENGINEER COMMAND
VIETNAM (PROV), APO 96491 15 MAR 1968

TO: Commanding General, United States Army Vietnam, ATTN: AVHGC-DST,
APO 96375

The attached ORLI submitted by the 20th Engineer Brigade, has been
reviewed by this headquarters and is considered adequate.

FOR THE COMMANDER:

John H. Bird
for RICHARD B. BIRD
Captain, AGC
Assistant Adjutant General

AVHGC-DST (29 Feb 68) 2d Inc.
SUBJECT: Operational Report-Lessons Learned (HCS-CSFOR-65) for
Quarterly Period Ending 31 January 1968.

HEADQUARTERS, US ARMY VIETNAM, APO San Francisco 96375

TO: Commander in Chief, United States Army, Pacific, ATTN: GPOP-DT, 20 MAR 1968
AFG 96558

1. This headquarters has reviewed the Operational Report-Lessons Learned for the quarterly period ending 31 January 1968 from Headquarters, 20th Engineer Brigade (WGENAA) as indorsed.

2. Concur with report as indorsed. Report is considered adequate.

3. A copy of this indorsement will be furnished to the reporting unit through channels.

FOR THE COMMANDER:



CHARLES A. BYRD
Major, AGC
Assistant Adjutant General

Copy furnished:
HQ, USAECV (P)
HQ, 20th Engr Bde

21
GPOP-DT (29 Feb 68) 3d Ind

SUBJECT: Operational Report of HQ, 20th Engr Bde for Period Ending
31 January 1968, RCS CSFOR-65 (R1)

HQ, US Army, Pacific, APO San Francisco 96558 3 APR 1968

TO: Assistant Chief of Staff for Force Development, Department of the
Army, Washington, D. C. 20310

This headquarters has evaluated subject report and forwarding indorse-
ments and concurs in the report as indorsed.

FOR THE COMMANDER IN CHIEF:



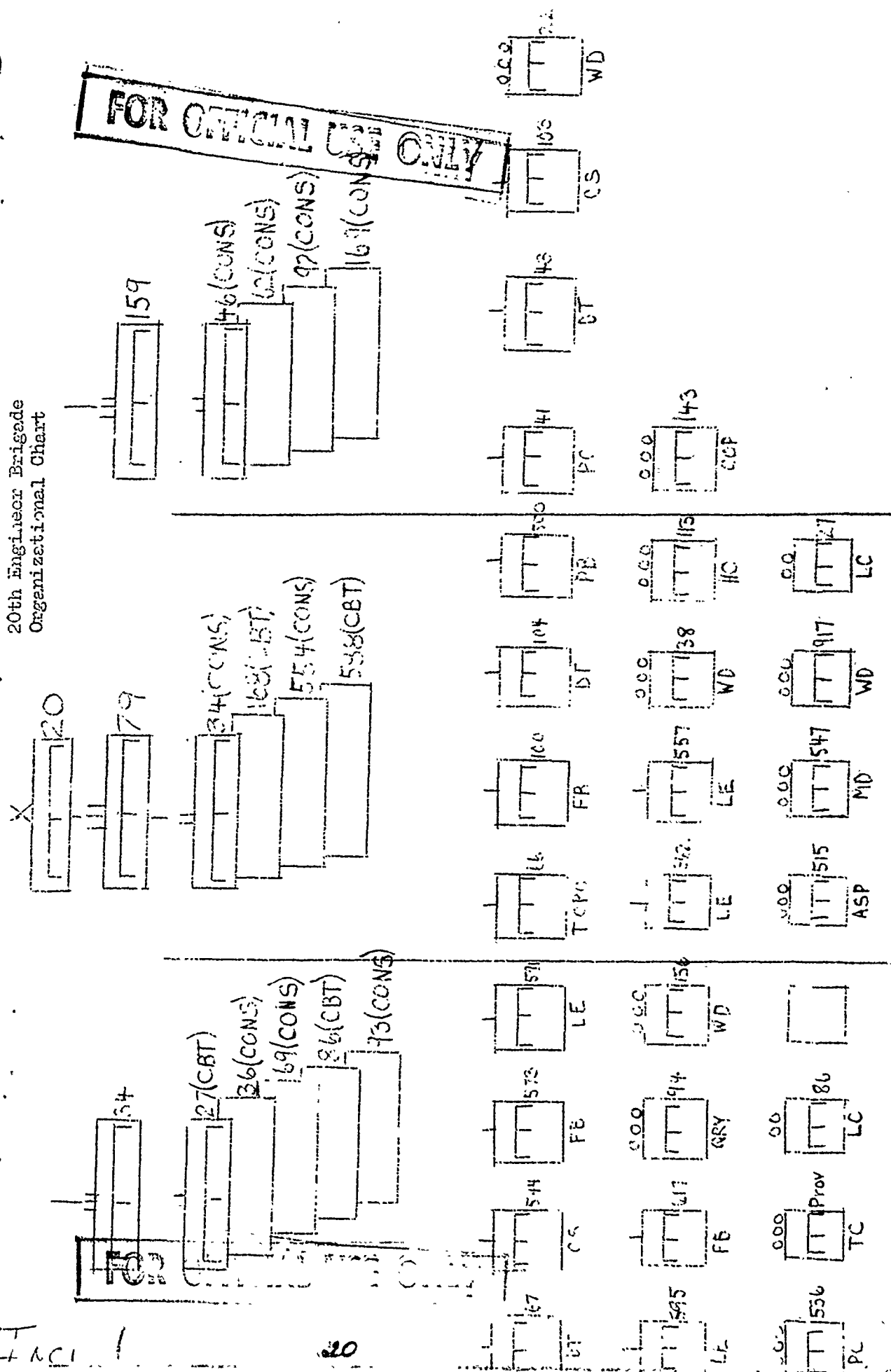
K. F. OSBOURN

MAJ, AGC

Asst AG

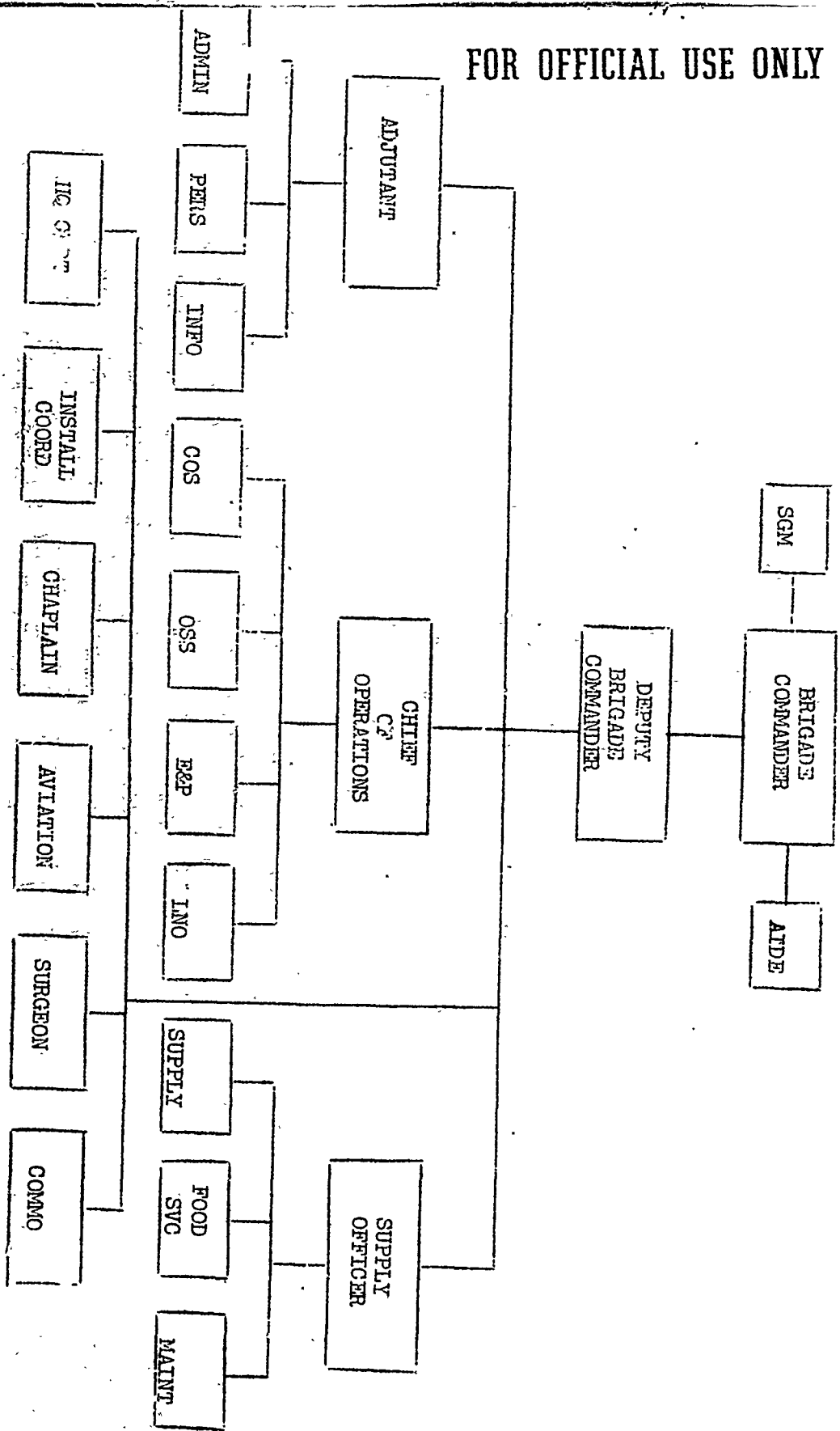
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20th Engineer Brigade Organizational Chart



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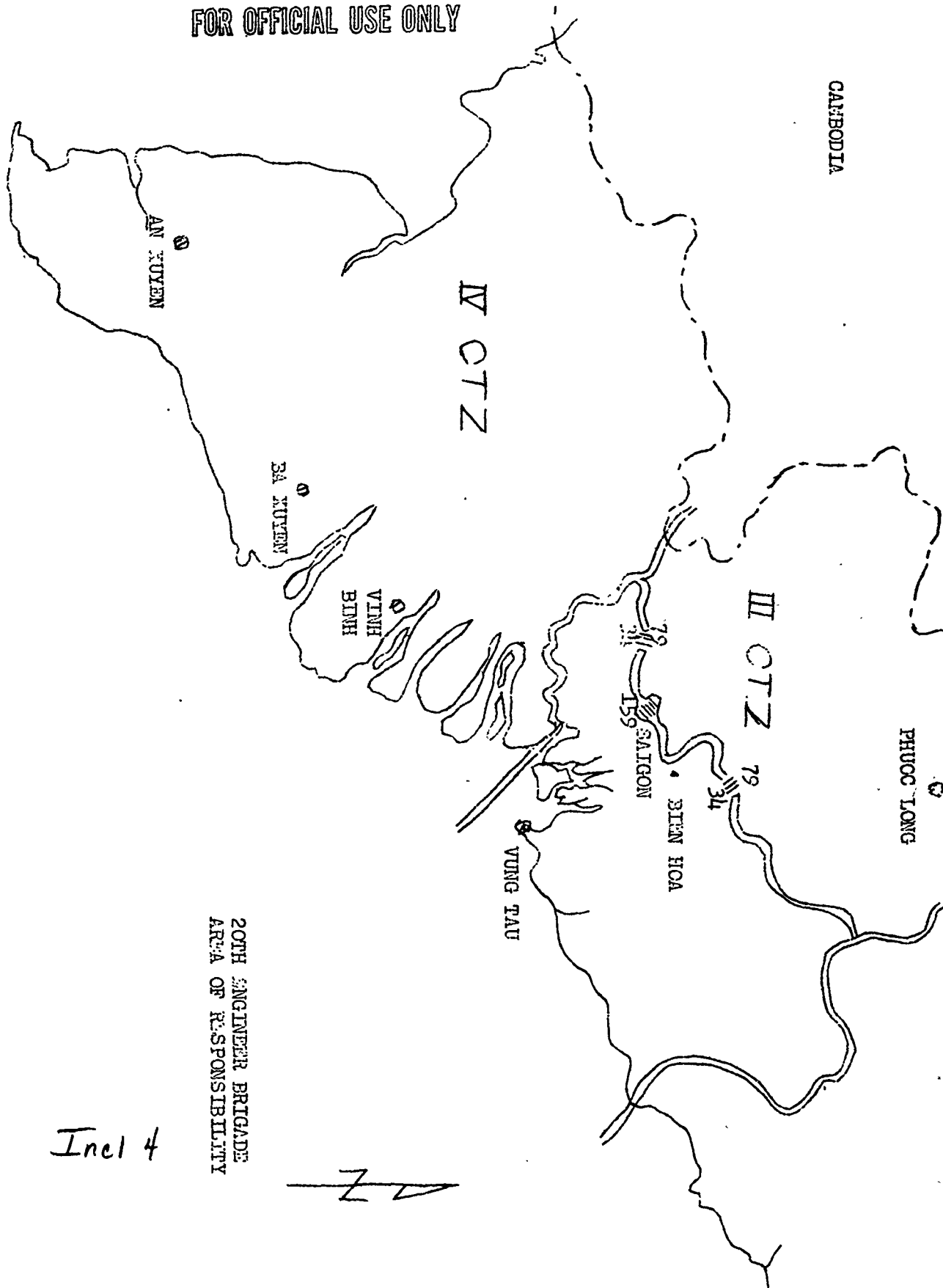
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Incl 4

20TH ENGINEER BRIGADE UNIT LOCATIONS **FOR OFFICIAL USE ONLY**

<u>Ba Ria</u>	92nd Engineer Battalion (Const)
67th Engineer Company (DE)	169th Engineer Battalion (Const)
<u>Bien Hoa</u>	41st Engineer Company (PC)
20th Engineer Brigade	43rd Engineer Company (DE)
34th Engineer Battalion (Const)	66th Engineer Company (TOPO)
<u>Can Tho</u>	100th Engineer Company (PB)
69th Engineer Battalion (Const)	103rd Engineer Company (CS)
<u>Cu Chi</u>	104th Engineer Company (DE)
554th Engineer Battalion (Const)	500th Engineer Company (PB)
515th Asphalt Detachments	573rd Engineer Company (PB)
113th Engineer Detachment (EO)	617th Engineer Company (PB)
<u>Di An</u>	22nd Engineer Detachment (WD)
168th Engineer Battalion (Const)	143rd COF Detachment
557th Engineer Company (LE)	547th Engineer Platoon (MD)
27th Land Clearing Team	<u>Long Giao</u>
<u>Gia Ray</u>	27th Engineer Battalion (Combat)
94th Engineer Detachment (Qry)	591st Engineer Company (LE)
<u>Lei Khe</u>	<u>Long Thanh North</u>
38th Engineer Detachment (TD)	86th Engineer Battalion (Combat)
<u>Long Binh</u>	93rd Engineer Battalion (Const)
79th Engineer Group	595th Engineer Company (LE)
159th Engineer Group	Tree Crusher Detachment (Prov)
46th Engineer Battalion (Const)	86th Land Clearing Team
62nd Engineer Battalion (Const)	

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Incl 5

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Phu Quoc Island

156th Engineer Detachment (ID)

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Phuoc Vinh

917th Engineer Detachment (ID)

Tay Ninh

588th Engineer Battalion (Const)

362nd Engineer Company (IE)

Vung Tau

34th Engineer Group (Const)

36th Engineer Battalion (Const)

544th Engineer Company (IE)

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